## Amendments to the Specification:

Please insert the following paragraph immediately following the title of invention on page 1:

STATEMENT REGARDING SEQUENCE LISTING SUBMITTED ON CD-ROM

The Sequence Listing associated with this application is provided on CD-ROM in lieu of a paper copy, and is hereby incorporated by reference into the specification. Three CD-ROMs are provided, containing identical copies of the sequence listing: CD-ROM No. 1 is labeled COPY 1, contains the file seq_700128_401USPC.app.txt which is 4,998 KB and created on May 21, 2007; CD-ROM No. 2 is labeled COPY 2, contains the file seq_700128_401USPC.app.txt which is 4,998 KB and created on May 21, 2007; CD-ROM No. 3 is labeled CRF (Computer Readable Form), contains the file seq_700128_401USPC.app.txt which is 4,998 KB and created on May 21, 2007.

Please replace the paragraph beginning at page 144, line 11, with the following rewritten paragraph:

The following RACE primers were used:
5'RACE (Invitrogen) CGACTGGAGCACGAGGACACTGA (SEQ ID NO : ~~1545~~1557)
3'RACE (Invitrogen): GCTGTCAACGATACGCTACGTAACG (SEQ ID NO: ~~1546~~1558)
5'nested RACE primer: GGACACTGACATGGACTGAAGGAGTA (SEQ ID NO: ~~1547~~1559)
3'nested RACE primer: CGCTACGTAACGGCATGACAGTG (SEQ ID NO: ~~1548~~1560)

Please replace the paragraph beginning at page 144, line 19, with the following rewritten paragraph:

The following cDNA primers were used:
HPG5dn0l, GCCGCGCTGCAGGTGCACGATG, (SEQ ID NO: ~~1549~~1561)
HPG5-360up, TGCCACCTGCTCTTCTACGTGATG, (SEQ ID NO: ~~1550~~1562)
HPG5-601dn GCAAATCAGTGTGCAAATCGAAA, (SEQ ID NO: ~~1551~~1563)
HPG5-629up CATTCCTGGAGAGATCTCGTGGGA (SEQ ID NO: ~~1552~~1564)
HPG5-1183dn GGTGCCACTGATGGAGGGTACTG, (SEQ ID NO: ~~1553~~1565)
HPG5-755up GGTAAGCCTGGCCTACTCGGAGAG, (SEQ ID NO: ~~1554~~1566)

HPG5MaxDN TGCACCTGGCCAACAAATCCTTTT, (SEQ ID NO: ~~1555~~1567)
HPG5MaxUP GGTAAGCCTGGCCTACTCGGAGAG, (SEQ ID NO: ~~1556~~1568)
HPGgMax5upl8 GGGCCAGAGGCGAGATGT, (SEQ ID NO : ~~1557~~1569)
HPG5gMax5dn GCAGGTCCGCGCAGAA, (SEQ ID NO: ~~1558~~1570) used for 5'RACE
HPG5gMax3up CCACCAGATCCGCGTGTC; (SEQ ID NO: ~~1559~~1571) used for 3' RACE
HPG5gMax3end GTTGGTCAGGTTGGTCTCGAAC, (SEQ ID NO: ~~1560~~1572)

Please replace the paragraph beginning at page 146, line 19, with the following rewritten paragraph:

The following RACE primers were used:
5'RACE (Invitrogen) CGACTGGAGCACGAGGACACTGA (SEQ ID NO : ~~1545~~1557)
3'RACE (Invitrogen): GCTGTCAACGATACGCTACGTAACG (SEQ ID NO: ~~1546~~1558)
5'nested RACE primer: GGACACTGACATGGACTGAAGGAGTA (SEQ ID NO: ~~1547~~1559)
3'nested RACE primer: CGCTACGTAACGGCATGACAGTG (SEQ ID NO: ~~1548~~1560)

Please replace the paragraph beginning at page 146, line 27, with the following rewritten paragraph:

The following cDNA primers were used:
3RaceUp ACTACCTTCTGGCGCTCACA (SEQ ID NO: ~~1561~~1573)
5RaceDn CCCAGCAGGACACTGTAGTAGA (SEQ ID NO: ~~1562~~1574)
HPG9-1up ATGGATCCCAGCGTTGTTAGCAAT (SEQ ID NO: ~~1563~~1575)
HPG9-1dnA TGGAGTCCTTGGATGGCCTTATTC (SEQ ID NO: ~~1564~~1576)
HPG9-1dnB CCGCGAACACGATGACCAC (SEQ ID NO: ~~1565~~1577)
HPG9-2upB GGGGGAAGCTGGGACCTCCGAATA (SEQ ID NO: ~~1566~~1578)
HPG9-3up CGAGGTCCTCAAGTGGGCTCACT (SEQ ID NO: ~~1567~~1579)
HPG9-3dn GGTGTTTCTATGGCGCGATCTCA (SEQ ID NO: ~~1568~~1580)
HPG9-MaxUpCGTTGTTAGCAATGAGTATTATG (SEQ ID NO: ~~1569~~1581)
HPG9-Maxdn TATCACTTTATTTTATTAAAGGTTACAC (SEQ ID NO: ~~1570~~1582)

Please replace the paragraph beginning at page 148, line 33, with the following rewritten paragraph:

The following RACE primers were used:

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5'RACE (Invitrogen) CGACTGGAGCACGAGGACACTGA (SEQ ID NO : ~~1545~~1557)
3'RACE (Invitrogen): GCTGTCAACGATACGCTACGTAACG (SEQ ID NO: ~~1546~~1558)
5'nested RACE primer: GGACACTGACATGGACTGAAGGAGTA (SEQ ID NO: ~~1547~~1559)
3'nested RACE primer: CGCTACGTAACGGCATGACAGTG (SEQ ID NO: ~~1548~~1560)


        Please replace the paragraph beginning at page 149, line 2, with the following

rewritten paragraph:

The following cDNA primers were used :
HpglOmaxSup ATGGAGCACACGCACGCCCACCTCG (SEQ ID NO : ~~1571~~1583)
HpglOmax5dn TCATGATGATGCGGGGGGCCCAAAG (SEQ ID NO : ~~1572~~1584)
HpglO-02up CGGCCAAGGGTAGGAGCCAGTCCTG (SEQ ID NO : ~~1573~~1585)
Hpgl 0-02dn CTTGAGCGGGTGGCAGACAGCGATA ; (SEQ ID NO : ~~1574~~1586)
used in 5'RACE
HpglO-03up GGGTTTCGTGCCCGTGGTCTACT (SEQ ID NO : ~~1575~~1587)
HpglO-03dn ATGGTGAACAAGATGGCGGTGGT (SEQ ID NO : ~~1576~~1588)
Hpgl 0-04up CACCCGCTCAAGTACCACA (SEQ ID NO : ~~1577~~1589)
HpglO-04dn TCACAGGATGATGACACAAGCTC (SEQ ID NO : ~~1578~~1590)
HpglO-OSup CCATCTTGTTCACCATTACCTC, (SEQ ID NO : ~~1579~~1591)
used in 3' RACE
HpglO-05dn CATTACGACTTTTTATAGGTTTTCC (SEQ ID NO : ~~1580~~1592)
HpglOgOlup CACCGAGCCGGCGACCAGAGTC (SEQ ID NO : ~~1581~~1593)
HpglOgOldn TGAGCGGGTGGCAGACAGCGAT (SEQ ID NO : ~~1582~~1594)


        Please replace the paragraph beginning at page 150, line 42, with the following

rewritten paragraph:

The following RACE primers were used:
5'RACE (Invitrogen) CGACTGGAGCACGAGGACACTGA (SEQ ID NO : ~~1545~~1557)
3'RACE (Invitrogen): GCTGTCAACGATACGCTACGTAACG (SEQ ID NO: ~~1546~~1558)
5'nested RACE primer: GGACACTGACATGGACTGAAGGAGTA (SEQ ID NO: ~~1547~~1559)
3'nested RACE primer: CGCTACGTAACGGCATGACAGTG (SEQ ID NO: ~~1548~~1560)


        Please replace the paragraph beginning at page 151, line 8, with the following

rewritten paragraph:

The following cDNA primers were used:

ET11-01up ATGGGGGATGAGCTGGCACCTTG (SEQ ID NO: ~~1583~~1595)
ET11-01dn TGGCACGGGGAAGCATCATGAGT (SEQ ID NO: ~~1584~~1596)
ET11-02up TAGTTCCAGACAGCTGCTCCTTCCTTT (SEQ ID NO: ~~1585~~1597)
ET11-02dn GAAGTCTTGGCCTCTGCATAGATCCTC (SEQ ID NO: ~~1586~~1598)
ET11-03up ATGGTGGCAGTGGGATGATCTGTTA (SEQ ID NO: ~~1587~~1599)
ET11-03dn AGGTAGCGCAGTGGATGGATGACT; (SEQ ID NO: ~~1588~~1600) used in 5' RACE
ET11-04up GCTGTACTGGCTTTTCCTTCCCTCA (SEQ ID NO: ~~1589~~1601)
ET11-04dn ACACCACCCCTGTGCTCACGTA (SEQ ID NO : ~~1590~~1602)
ET 11-05up CTGCTCTCAGACCTGGCCTACAT (SEQ ID NO: ~~1591~~1603)
ET 11-05dn CTAGGAAATGGTAAAGATGGCCTGG (SEQ ID NO: ~~1592~~1604)
ET11-06up TGCCATGCTCCCATACCTGTACCTG; (SEQ ID NO: ~~1593~~1605) used in 3'
RACE
ET11-06dn CTCCACTGCTGTGGATCGTTGGCTT (SEQ ID NO: ~~1594~~1606)
ET11-07up ATGTGGCCTCCTGGTCATTGTTAC (SEQ ID NO: ~~1595~~1607)
ET11-07dn ATTTTGGCTTCTGTGTGTTGGTCAG (SEQ ID NO: ~~1596~~1608)


Please replace the paragraph beginning at page 152, line 36, with the following

rewritten paragraph:

The following CLONTECH RACE primers were used:
3'-RACE-CDS AAGCAGTGGTATCAACGCAGAGTACTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTVN (SEQ ID NO: ~~1597~~1609)
5'-RACE-CDSTTTTTTTTTTTTTTTTTTTTTTTTTTVN (WHERE N=A, C, G, T AND V=A, C,
G) (SEQ ID NO : ~~1598~~1610)
Smart IIA AAGCAGTGGTATCAACGCAGAGTACGCGGG (SEQ ID NO : ~~1599~~1611)
NUP AAGCAGTGGTATCAACGCAGAGT (SEQ ID NO : ~~1600~~1612)
UPM-LONG CTAATACGACTCACTATAGGGCAAGCAGTGGTATCAACGCAGAGT (SEQ
ID NO : ~~1601~~1613)
UPM-SHORT CTAATACGACTCACTATAGGGC (SEQ ID NO : ~~1602~~1614)


Please replace the paragraph beginning at page 153, line 8, with the following

rewritten paragraph:

The following cDNA primers were used:
J-H-PG63-U1 TGGATGATCTCATGAGCGTCCTG (SEQ ID NO : ~~1603~~1615)
J-H-PG63-L1 TCTGAAACCCCACGACGTTCTG (SEQ ID NO : ~~1604~~1616)
J-H-PG63-U2 AGAACCGGGGGACTCTCTATGG (SEQ ID NO : ~~1605~~1617)
J-H-PG63-L2 GGTGGGCAAAAGAGGGAGTATG (SEQIDNO : ~~1606~~1618)
J-H-PG63-U8 CACAAGTCAGATCTCCATCCCTACG (SEQ ID NO : ~~1607~~1619)

J-H-PG63-L8 TGCTGTATCCAGAAGCCTACCATGT (SEQIDNO : ~~1608~~1620)
J-H-PG63-U7 GGACTGTGTCTCTCCATGCACCTAC (SEQ ID NO : ~~1609~~1621)
 J-H-PG63-L7 GATCCATTCTTGCTCCTGTTAGACCA (SEQIDNO : ~~1610~~1622)
J-H-PG63-U6 TGACTCTTATGCATGGGATTGATGA (SEQ ID NO : ~~1611~~1623)
J-H-PG63-L6 CTCCTACCAAGTTCCCCTCTAGATGTT (SEQIDNO : ~~1612~~1624)
J-H-PG63-U5 AGATGGGATTCTGTGCACAAGCTC (SEQ ID NO : ~~1613~~1625)
J-H-PG63-L5 ACATGAAGATGGTCACCGACAGG (SEQ ID NO : ~~1614~~1626)
J-H-PG63-U3 GTAGAAATCAGCACCACGCCCTCT (SEQIDNO : ~~1615~~1627)
J-H-PG63-U4CAGATCTCCATCCCTACGTTACTCCA (SEQIDNO : ~~1616~~1628)


Please replace the paragraph beginning at page 155, line 23, with the following
rewritten paragraph:

The following CLONTECH RACE primers were used:
3'-RACE-CDS AAGCAGTGGTATCAACGCAGAGTACTTTTTTTTTTTTTTTTTT
TTTTTTTTTTVN (SEQ ID NO: ~~1597~~1609)
5'-RACE-CDSTTTTTTTTTTTTTTTTTTTTTTTTTTVN (WHERE N=A, C, G, T AND V=A, C,
G) (SEQ ID NO : ~~1598~~1610)
Smart IIA AAGCAGTGGTATCAACGCAGAGTACGCGGG (SEQ ID NO : ~~1599~~1611)
NUP AAGCAGTGGTATCAACGCAGAGT (SEQ ID NO : ~~1600~~1612)
UPM-LONG CTAATACGACTCACTATAGGGCAAGCAGTGGTATCAACGCAGAGT (SEQ
ID NO : ~~1601~~1613)
UPM-SHORT CTAATACGACTCACTATAGGGC (SEQ ID NO : ~~1602~~1614)


Please replace the paragraph beginning at page 155, line 34, with the following
rewritten paragraph:

The following cDNA primers were used:
JW-H-PG208-L6 CGGTAATGGGAGGAATTCACGG (SEQ ID NO: ~~1617~~1629)
JW-H-PG208-U2 CGGAGCAGACAGCCTTGAATCT (SEQ ID NO: ~~1618~~1630)
JW-H-PG208-L2 GTGGATGTGGTAGCGCTGGTT (SEQ ID NO: ~~1619~~1631)
JW-H-PG208-U3 AAATCCTGCCCAAGACCGTGAA (SEQ ID NO: ~~1620~~1632)
JW-H-PG208-L3 CTGGCTCGAGGCGGAAACTAA (SEQ ID NO: ~~1621~~1633)
JW-H-PG208-U4 ACGGCTGTGCGCTCACGAGA (SEQ ID NO: ~~1622~~1634)
JW-H-PG208-L4 AGCACGCCAAAGACCCACGAG (SEQ ID NO: ~~1623~~1635)
J-H-PG208-U7 GCTGGAAAGGAGATCGCCATGT (SEQ ID NO: ~~1624~~1636)
J-H-PG208-L7 TGGCCCATGACGGTGTCAATAG (SEQ ID NO: ~~1625~~1637)
J-H-PG208-U8 GCGTGCTTGCTGTCAACGGTT (SEQ ID NO: ~~1626~~1638)
J-H-PG208-L8 GCTCACACGGCTGACAGGTCG (SEQ ID NO: ~~1627~~1639)
J-H-PG208-U9 TGTCTTCAACGCTGCCAAGCC (SEQ ID NO: ~~1628~~1640)

J-H-PG208-L9 GGTACAGCAGACCCACGACGG (SEQ ID NO: ~~1629~~1641)
J-H-PG208-U11 ATCCAAGGAGGGCCTGAAAGTCTA (SEQ ID NO: ~~1630~~1642)
J-H-PG208-L11 CAAGGCTGTCTGCTCCGAGAG (SEQ ID NO: ~~1631~~1643)
JW-H-PG208-U1 GCTGGAAAGGAGATCGCCATGT (SEQ ID NO: ~~1632~~1644)
JW-H-PG208-L1 TGAAGTCCAGGAAGGCGCAGTA (SEQ ID NO: ~~1633~~1645)
JW-H-PG208-U5 CCCCTGCCCTGTTTGTCATCG (SEQ ID NO: ~~1634~~1646)
JW-H-PG208-L5 GCTGTCTCGGGGCCACAACAC (SEQ ID NO: ~~1635~~1647)
JW-H-PG208-U10 TGACCTGGGAAAATCTATACGGTCG (SEQ ID NO: ~~1636~~1648)
JW-H-PG208-L10 TTGGTTATGATGGGATGGTAGGCA (SEQ ID NO: ~~1637~~1649)


Please replace the paragraph beginning at page 158, line 15, with the following

rewritten paragraph:

The following CLONTECH RACE primers were used:
3'-RACE-CDS AAGCAGTGGTATCAACGCAGAGTACTTTTTTTTTTTTTTTTTT
TTTTTTTTTVN (SEQ ID NO: ~~1597~~1609)
5'-RACE-CDSTTTTTTTTTTTTTTTTTTTTTTTTTTTTVN (WHERE N=A, C, G, T AND V=A, C,
G) (SEQ ID NO : ~~1598~~1610)
Smart IIA AAGCAGTGGTATCAACGCAGAGTACGCGGG (SEQ ID NO : ~~1599~~1611)
NUP AAGCAGTGGTATCAACGCAGAGT (SEQ ID NO : ~~1600~~1612)
UPM-LONG CTAATACGACTCACTATAGGGCAAGCAGTGGTATCAACGCAGAGT (SEQ
ID NO : ~~1601~~1613)
UPM-SHORT CTAATACGACTCACTATAGGGC (SEQ ID NO : ~~1602~~1614)


Please replace the paragraph beginning at page 158, line 26, with the following

rewritten paragraph:

The following cDNA primers were used:
J-H-PG421-U1 CCTGGGCAGAGAAGACATAGACCT (SEQ ID NO : ~~1638~~1650)
J-H-PG421-L1 GTAATTTGGGATGGAGTGGTCATATCT (SEQ ID NO: ~~1639~~1651)
J-H-PG421-U2 GGCTTCATTTCAATGGCATACAAT (SEQ ID NO: ~~1640~~1652)
J-H-PG421-L2 TCAATAAGCCTAGTTGGGAGAGTCAAT (SEQ ID NO: ~~1641~~1653)
J-H-PG421-U3 AGCTGCCGGAACTGTACCTTGGTTTAC (SEQ ID NO: ~~1642~~1654)
J-H-PG421-L3 AGCCACCACAGAACTGCCATTAACTG (SEQ ID NO: ~~1643~~1655)
J-H-PG421-U4 GAGCACACATATATTCGGTGAACCC (SEQ ID NO: ~~1644~~1656)
J-H-PG421-L4 CTGGCAATGAGGACATCTGGTAAA (SEQ ID NO : ~~1645~~1657)
J-H-PG421-U5 AGTCACCAAACACATTCGCCTTC (SEQ ID NO : ~~1646~~1658)
J-H-PG421-L5 CCCAGATAATATGCCCAAAGTTGTAGC (SEQ ID NO : ~~1647~~1659)
J-H-PG421-U6 TGGGCATATTATCTGGGATTACTAACA (SEQ ID NO : ~~1648~~1660)
J-H-PG421-L6 CAGCCAATGTGGAAGTGATAGC (SEQ ID NO : ~~1649~~1661)

J-H-PG421-U7 TGGCAATGTCATCAATTCCTATGTCAG (SEQ ID NO : ~~1650~~1662)
J-H-PG421-L7 GTTTGGGCTGTCTCCGTAGGGTT (SEQ ID NO : ~~1651~~1663)
J-H-PG421-U8 CCTTTCTATCTACGGAAGCATCGACTT (SEQ ID NO : ~~1652~~1664)
J-H-PG421-L8 GGCACTCACAACATAGGTGGTTAATG (SEQ ID NO : ~~1653~~1665)
J-H-PG421-U9 GTGAGTGCCAGCATTTCAGATGATATG (SEQ ID NO : ~~1654~~1666)
J-H-PG421-L9 TGACTGTGATTGCCACCATGATAGC (SEQ ID NO : ~~1655~~1667)
J-H-PG421-U10 TGCCAAAACAAAAATCACATGCTAATG (SEQ ID NO : ~~1656~~1668)
J-H-PG421-L10 CAGGTTGTGTGGTTGATCCGTTACTT (SEQIDNO : ~~1657~~1669)
J-H-PG421-U11 CTATCATGGTGGCAATCACAGTCAGT (SEQ ID NO : ~~1658~~1670)
J-H-PG421-L 11 GTGAGTCAACCCTACAAATCCGAAAAA (SEQ ID NO : ~~1659~~1671)

Please replace the paragraph beginning at page 164, line 11, with the following
rewritten paragraph:

The following CLONTECH RACE primers were used:
3'-RACE-CDS AAGCAGTGGTATCAACGCAGAGTACTTTTTTTTTTTTTTTTTTT
TTTTTTTTTVN (SEQ ID NO: ~~1597~~1609)
5'-RACE-CDSTTTTTTTTTTTTTTTTTTTTTTTTTVN (WHERE N=A, C, G, T AND V=A, C,
G) (SEQ ID NO : ~~1598~~1610)
Smart IIA AAGCAGTGGTATCAACGCAGAGTACGCGGG (SEQ ID NO : ~~1599~~1611)
NUP AAGCAGTGGTATCAACGCAGAGT (SEQ ID NO : ~~1600~~1612)
UPM-LONG CTAATACGACTCACTATAGGGCAAGCAGTGGTATCAACGCAGAGT (SEQ
ID NO : ~~1601~~1613)
UPM-SHORT CTAATACGACTCACTATAGGGC (SEQ ID NO : ~~1602~~1614)

Please replace the paragraph beginning at page 164, line 22, with the following
rewritten paragraph:

The following cDNA primers were used:
J-H-1828-U1 AGCCCCGCAATCTGTTGATAACT (SEQ ID NO: ~~1660~~1672)
J-H-1828-L1 AAGCAGAAATTCAGGAGCGTGTG (SEQ ID NO: ~~1661~~1673)
J-H-1828-U2 TGGAGAAGGAGACGCATCTGC (SEQ ID NO: ~~1662~~1674)
J-H-1828-L2 CTTGGTCACCTGCTTGTAGATGTT (SEQ ID NO: ~~1663~~1675)
J-H-1828-U3 CCTGACCTTTCCCAGTGTTCAATGT (SEQ ID NO: ~~1664~~1676)
J-H-1828-L4 TTGTCCATGAGAATCTCCCGTCTG (SEQ ID NO: ~~1665~~1677)
J-H-1828-U5 GGACCCTGGAAAAACGAAACTACTG (SEQ ID NO: ~~1666~~1678)
J-H-1828-L5 TCCATGAGAATCTCCCGTCTGTC (SEQ ID NO: ~~1667~~1679)
J-H-1828-U6 TGTGTACTTCCTGGGCACCTACG (SEQ ID NO: ~~1668~~1680)
J-H-1828-L6 GCAGGCCTTCTAGCAATTTACCCTT (SEQ ID NO: ~~1669~~1681)
J-H-1828-U7 CGCTGACCGCCGCTGTCT (SEQ ID NO: ~~1670~~1682)
J-H-1828-L7 CGCCGCAGCTGCACGTA (SEQ ID NO: ~~1671~~1683)

J-H-1828-U8 CTCCTGGCCGCCGTCTG (SEQ ID NO: ~~1672~~1684)
J-H-1828-L8 GGACCCCTCCGCTGACGA (SEQ ID NO: ~~1673~~1685)
J-H-1828-L9 GCGCCGCAGCTGCACGTA (SEQ ID NO: ~~1674~~1686)
J-H-1828-U10 GCCTGGGCGCCTTCTACG (SEQ ID NO: ~~1675~~1687)
J-H-1828-L10 AGGTGCACGTGCGCCTC (SEQ ID NO: ~~1676~~1688)
J-H-1828-U11 CCCCGTGCTGCGCCAAG (SEQ ID NO: ~~1677~~1689)
J-H-1828-L11 GCGTGGCCCGGAGCGTTT (SEQ ID NO: ~~1678~~1690)
J-H-1828-U12 GGTCACGGCTGCCACGAACAT (SEQ ID NO: ~~1679~~1691)
J-H-1828-L12 GCACGCGGAATTGGGATAAGG (SEQ ID NO: ~~1680~~1692)
J-H-1828-L13 CTCTGCTGGGTGCCGGCTAAA (SEQ ID NO: ~~1681~~1693)

Please replace the paragraph beginning at page 166, line 38, with the following rewritten paragraph:

The following RACE primers were used:
5'RACE (Invitrogen) CGACTGGAGCACGAGGACACTGA (SEQ ID NO : ~~1545~~1557)
3'RACE (Invitrogen): GCTGTCAACGATACGCTACGTAACG (SEQ ID NO: ~~1546~~1558)
5'nested RACE primer: GGACACTGACATGGACTGAAGGAGTA (SEQ ID NO: ~~1547~~1559)
3'nested RACE primer: CGCTACGTAACGGCATGACAGTG (SEQ ID NO: ~~1548~~1560)

Please replace the paragraph beginning at page 167, line 5, with the following rewritten paragraph:

The following cDNA primers were used:
Hpg27-Olup ATGACGCCCAACAGCACTGGC (SEQ ID NO : ~~1582~~1694)
Hpg27-Oldn TGGCGGGCGCTGCTCATAG; (SEQ ID NO: ~~1583~~1695) used in 5'RACE
Hpg27-Olbn GGATGGCTGAGCTGGACGGAT (SEQ ID NO : ~~1584~~1696)
Hpg27-02up TTACTGGTCCTGCCTCCTCGTCTAC (SEQ ID NO: ~~1585~~1697)
Hpg27-02dn CAGTCAGTGCGGGGTCAAACA (SEQ ID NO: ~~1586~~1698)
Hpg27-03up AGGCTATCTTCCCAGCCCCTACCT; (SEQ ID NO: ~~1587~~1699) used in 3'
RACE
Hpg27-03dn CTTGCCTGCCTGGAGTCGGAC (SEQ ID NO: ~~1588~~1700)
Hpg27-04up CTCCTCTCAGTCCTGGCCTATG (SEQ ID NO: ~~1589~~1701)
Hpg27-04dn ACTTCCCAGAGACAGAGTCTGTGTG (SEQ ID NO: ~~1590~~1702)
HpG27-05up TGCTACCACACAGGACATATGTGTT (SEQ ID NO: ~~1591~~1703)
HpG27-05dn GAGCCCATAGACTTCGAGGTACAG (SEQ ID NO: ~~1592~~1704)
HpG27-06up CCTCAACACAGCTGCCCAGAAAAGG (SEQ ID NO: ~~1593~~1705)
HpG27-06dn GCTAGGAGCAGGTTCGCGGTGAT (SEQ ID NO : ~~1594~~1706)
HpG27-07up TCCTCTGGCCGTTTATGATTAT (SEQ ID NO : ~~1595~~1707)
HpG27-07dn TGGAAAGGAGGAAGAGATACTAGTTAA (SEQ ID NO : ~~1596~~1708)

Please replace the paragraph beginning at page 168, line 36, with the following

rewritten paragraph:

The following RACE primers were used:
5'RACE (Invitrogen) CGACTGGAGCACGAGGACACTGA (SEQ ID NO : ~~1545~~1557)
3'RACE (Invitrogen): GCTGTCAACGATACGCTACGTAACG (SEQ ID NO: ~~1546~~1558)
5'nested RACE primer: GGACACTGACATGGACTGAAGGAGTA (SEQ ID NO: ~~1547~~1559)
3'nested RACE primer: CGCTACGTAACGGCATGACAGTG (SEQ ID NO: ~~1548~~1560)

Please replace the paragraph beginning at page 169, line 5, with the following

rewritten paragraph:

The following cDNA primers were used:
HHpgl47-1up AGATCTTTCACATCAGTAGCCAGA (SEQ ID NO : ~~1697~~1709)
HHpgl47-1dn GGAAGTGCATTGCGACTGT (SEQ ID NO: ~~1698~~1710)
HHpgl47-2up CCAAGGAGAGGAGAGGCGCAGTT (SEQ ID NO: ~~1699~~1711)
HHpgl47-2dn GAAAGCACAGACAGGCTCCACCAG; (SEQ ID NO: ~~1700~~1712) used in 5' RACE
HHpgl47-3up TACCTGGACTCCACCGCCTGC (SEQ ID NO : ~~1701~~1713)
HHpgl47-3dn CAGGGTGACCGCCACGATG (SEQ ID NO: ~~1702~~1714)
HHpgl47-4up CTCTGTCATTTGTGGGCTGTGGC (SEQ ID NO: ~~1703~~1715)
HHpgl47-4dn GGTGTTGGCAGTCAGCACGAAGA (SEQ ID NO: ~~1704~~1716)
HHpgl47-Sup GCTGCTGTGGAGGAAGGTGGTAG; (SEQ ID NO: ~~1705~~1717) used in 3' RACE
HHpgl47-5dn GGCCCTCAGGATCAAATACGCTA (SEQ ID NO: ~~1706~~1718)
HHpgl47-6up CTCAATGTGCACACAAATGCCAT (SEQ ID NO: ~~1707~~1719)
HHpgl47-6dn GGCCCTCAGGATCAAATACGCTA (SEQ ID NO: ~~1708~~1720)
HHpgl47-7up AGAGGAGAGGCGCAGTTGCTTAAC (SEQ ID NO: ~~1709~~1721)
HHpgl47-7dn CATATCTGGGTCCAGATCTGCTGCT (SEQ ID NO : ~~1710~~1722)
HHpgl47-8up GCCTCCAGACCTTCCGTCAT (SEQ ID NO: ~~1711~~1723)
HHpgl47-8dn GCATAAACCAGGAAGATGTACAGCC (SEQ ID NO: ~~1712~~1724)
HHpgl47-9up GGCTGTCACAGTCGCAATGCAC (SEQ ID NO: ~~1713~~1725)
HHpgl47-9dn GGCTGGCACGGGACTTAAAGGA (SEQ ID NO: ~~1714~~1726)
N147-Olup GGGCTGTACATCTTCCTGGTTTAT (SEQ ID NO: ~~1715~~1727)
N147-Oladn AGGGAGTTCTAGGGCCATAGGT (SEQ ID NO : ~~1716~~1728)
N 147-Ol bdn CGGGACTTAAAGGAGAGGATATGG (SEQ ID NO: ~~1717~~1729)
N147-03up CAGGTCCCAGCCCCCATATCC (SEQ ID NO : ~~1718~~1730)
N147-03dn TCCCACAGTACCCACCCTGCC (SEQ ID NO : ~~1719~~1731)

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N147-04up TGGCTCTCAGAGGTACTCGCAGCA (SEQ ID NO : ~~1720~~1732)
N147-04dn AAAGCACTTCTCCCTCAGCGGGTT (SEQ ID NO : ~~1721~~1733)
N147-05up GGGCATGGGTTGAATGACTTCGAG (SEQ ID NO : ~~1722~~1734)
N147-05dn TCCTCCCAAGGGGTACTGCCTGGT (SEQ ID NO : ~~1723~~1735)